Jeffrey L Sheldon
Associate General Counsel
Utilities Telecommunications Council
1140 Connecticut Ave., N.W.
Suite 1140
Washington, DC 20036

J. Bradford Shiley
Pathfinder Venture, Inc.
4640 S.W. Macadam, Suite 270
Portland, OR 97201

Paul J Sinderbrand
Attorney
Keck, Mahin & Cate
1201 New York Ave., N.W.
Penthouse
Washington, DC 20005-3919

Richard A. Sitton
Executive Vice President
Sitton Motor Lines, Inc.
P.O. Box 2587
Joplin, MO 64803

Michael S Slomin
Attorney
Bell Communications Research, Inc.
290 West Mt. Pleasant Avenue
Livingston, NJ 07039

Douglas Smith
President
Omnipoint
7150 Campus Drive
Colorado Springs, CO 80920

Duane E. Smith
Director
Rockwell International Corporation
4311 Jamboree road
P.O. Box C
Newport Beach, CA 92658-8902

Walter H. Sonnenfeldt
Walter Sonnenfeldt & Associates
Telecommunications Policy Consulting
4904 Ertter Drive
Rockville, MD 20852

William F Stewart
Director, Internal Services Department
County of Los Angeles
Internal Services Department
1100 N. Eastern Avenue
Los Angeles, CA 90063

Irvin G. Stiglitz
Advanced Techniques Group
Massachusetts Institute of Technology
Lincoln Laboratory
244 Wood Street
Lexington, MA 02173-9108

B. J Stonebraker
Senior Vice President-External Affairs
Cincinnati Bell Telephone
201 East Fourth St., 102-300
P.O. Box 2301
Cincinnati, OH 45201

Thomas A. Stroup
President
Telocator
The Personal Communications Industry Assn
1019 19th Street, NW
Suite 1100
Washington, DC 20036

Paul Taft
President
Taft Broadcasting Company
4808 San Felipe Road
Houston, TX 77056

Robert E Tall
Executive Director
Associated Public-Safety Communications
Officers, Inc.
2040 South Ridgewood Ave.
South Daytona, FL 32119

W. H Talmage
Chief Counsel
Regulatory Section, Law Department
NCR Corporation
1700 South Patterson Blvd.
Dayton, OH 45479

Peter Tannenwald
Attorney
Arent, Fox, Kintner, Plotkin & Kahn
1050 Connecticut Ave., N.W.
Washington, DC 20036-5339

Edward P Taptich
Attorney
Gardner, Carton & Douglas
1001 Pennsylvania Ave., N.W., Suite 750
Washington, DC 20004

Victor Tawil
Vice President
Association for Maximum Service Televisio
1400 16th Street, N.W., Suite 610
Washington, DC 20036

Jack Taylor
Director Regulatory Affairs
TSS Associates
6116 Brassie Way
Redding, CA 96003

Jack T Taylor
Attorney
Digital Spread Spectrum Technologies, Inc
130 B Kifer
Sunnyvale, CA 94086

Thomas E Taylor
Attorney
Frost & Jacobs
2500 Central Trust Center
201 East Fifth Street
Cincinnati, OH 45202

Nancy J Thompson
Attorney
Reed Smith Shaw & McClay
1200 18th Street, N.W.
Washington, DC 20036

Alan S Tilles
Attorney
Meyer, Faller, Weisman & Greenburg, P.C.
4400 Jenifer Street, N.W., Suite 380
Washington, DC 20015

Richard G. Tomlinson
PCN Communjcations Inc.
2906 Main Street
Glastonbury,, CT 06033

Angelo A Toscano
Chief of Police
Town of Wilton
240 Danbury Rd.
Wilton, CT 06897

Dr. Michael C. Trahos
4600 King Street
Suite 4E
Alexandria, VA 22302

Mike Travor
Administrator
Montana Department of Administration
Information Services Division
Room 221, Mitchell Building
Helena, MT 59620

James U Troup
Attorney
Arter & Hadden
1919 Pennsylvania Ave., N.W., Suite 400
Washington, DC 20006

James P. Tuthill
Lucille M. Mates
Pacific Telesis Group
Pacific & Nevada Bell
140 new Montgomery St., Rm. 152
San Francisco, CA` 94105

Barry C Umansky
Attorney
National Association of Broadcasters
1771 N Street, N.W.
Washington, DC 20036

Philip Verveer
Attorney
Willkie, Farr & Gallagher
3 Lafeyette Center
1155 21st Street, N.W., Suite 600
Washington, DC 20036

Teddy F Vratny
Director
DuPage Public Safety Communications
136 N. County Farm Rd.
Wheaton, IL 60187-3992

Pete Wanzenried
Assistant Chief
Department of General Services
State of California
Telecommunications Division
601 Sequoia Pacific Blvd.
Sacramento, CA 95814-0282

David E Weisman
Attorney
Meyer, Faller, Weisman & Greenburg, P.C.
4400 Jenifer Street, N.W., Suite 380
Washington, DC 20015

George Y Wheeler
Attorney
Koteen & Naftalin
1150 Connecticut Ave., N.W.
Washington, DC 20036

Thomas A. Wheeler
President/CEO
Cellular Telecommunications Industry Assn
1133 21st Street
Third floor
Washington, DC 20036

Carroll F White
50 Colby Drive
Dix Hills, NY 11646-8348

Edward R Wholl
Attorney
NYNEX Mobile Communications Company
One Blue Hill Plaza
Pearl River, NY 10965

Roland Williams
Personal Communications
NovAtel Communications, Ltd.
1020 64 Ave., N.W.
Calgary, Alberta, Canada T2E-7V8

Joel S Winnik
Attorney
Hogan & Hartson
555 13th Street, N.W.
Washington, DC 20004

Robert Wiruth
President
Transport Delivery Company
324 South Main
Suite 909
Tulsa, OK 74103

Peter G Wolfe
Staff Counsel
Public Service Commission
of the District of Columbia
450 Fifth Stteet, N.W.
Washington, DC 20001

K.A. Wood
Secretary
The Association of the Electronics,
Telecommunications and Business Equipment
EEA Radiocommunications Committee
Leicester House 8 Leicester Street
London WC2H 7BN, United Kingdom

Charles F. Wright
Vice President
Centel Corporation
8725 Higgins Street
Chicago, IL 60631

James L. Wurtz
Pacific Telesis
1275 Pennsylvania Avenue, NW
Washington, DC 20004

James R Young
Attorney
Bell Atlantic Telephone Companies
1710 H Street, N.W.
Washington, DC 20006

Richard R Zaragoza
Attorney
Fisher, Wayland, Cooper & Leader
1255 23rd Street, N.W., Suite 800
Washington, DC 20037

EXHIBIT A

GTE

News

1850 M Street N.W.
Suite 1200
Washington, D.C. 20036

From: Julia Spicer, 202/463-5206 (After 6 p.m., 202/797-0715

Aug. 25, 1992

SUMMARY: GTE launches nation's largest PCS customer trial.

TAMPA, Fla. -- GTE Corp. today announced plans to conduct the nation's largest market trial of two new wireless personal communication services (PCS).

The GTE effort, called Tele-Go(sm) Phone Service, is a joint project of GTE Mobile Communications, GTE Telephone Operations, GTE Laboratories, AT&T Network Systems, OKI(R) telecom and Northern Telecom Inc.

The comprehensive consumer-market trial of two versions of PCS will be offered to GTE residential and small-business telephone customers in certain neighborhoods in Florida's Tampa Bay area, beginning in September and concluding year-end 1993.

"A new and exciting era of personal communications is emerging," said Terry S. Parker, president of GTE Telecommunications Products and Services. "The purpose of the 3,000-phone trial is to validate the research we have been conducting on PCS over the past several years. PCS can offer our customers a higher level of convenience, security and accessibility so they can make better use of their time."

"Because GTE cares about what its customers want and need,

- more -

we are asking our residential customers to tell us which wireless features are important to them before we start taking the necessary steps to deliver the service," said Kent B. Foster, president of GTE Telephone Operations. "Their choices will help shape the future of telecommunications in this country as we move toward an exciting era in wired and wireless telecommunications service."

In addition to being the nation's largest PCS trial, it is also the first time a portion of the trial participants will be asked to rely on a PCS wireless system to exclusively operate their home telephone equipment. Other participants will use the service as an add-on to their current wireline service -- much like a second telephone line to their home. Either configuration will provide the same telephone services customers are familiar with, but with varying degrees of mobility.

Two versions of PCS to be offered.

The experimental GTE Tele-Go(sm) Service includes two versions of PCS.

The first, a fully mobile version, offers an improved-quality cordless-telephone service at home with the advantages of cellular-like mobility away from home. The service provides customers with a set number of minutes of usage for a fixed-rate when they are within their neighborhood -- their "home area." These same customers can continue to use the service outside their "home area" -- even while traveling in a moving vehicle -- for a nominal per-minute "premium area" charge.

The second version of GTE's Tele-Go Service employs the same "home area" and "premium area" calling and billing options. However, inbound calls cannot be received by the PCS handset when it is outside of the "home area." Those calls are routed directly to a voice-mail system provided to the customer and can be retrieved from either home or premium areas.

Outbound calls can still be made throughout an eight-county area when the customer is outside the "home area" for a nominal "premium area" charge.

Customers must also be standing still or walking, as opposed to traveling in a car, when placing calls, as the signal does not hand off from one PCS antenna site to another.

"The purpose of these restrictions is to find out how mobile the residential customer really wants to be," said John Dion, general manager of GTE's PCS Group.

Restricted services of this nature are often referred to as "telepoint" services and usually allow only limited-area outbound calling outside the "home area." However, GTE's version allows customers to make outbound calls throughout the eight-county area on Florida's central west coast.

"Our initial research has shown that customers felt limited by the calling-area restrictions of typical 'telepoint' services, so to eliminate that drawback, we provided a large coverage area for our trial," Dion said.

During the trial, customers will have the option of

subscribing to Tele-Go Service as a replacement of their residential service or as an addition to it. A special home controller unit will permit customers to retain use of their existing home telephone equipment. At the conclusion of the trial, customers will be reconnected to GTE Florida, the local telephone company, at no charge.

Customers to use specially designed handsets.

To use either service, customers will be asked to purchase a specially designed OKI telecom handset.

"The OKI handsets will operate much like a high-quality cordless phone, complete with dial tone," said Dion. "The handsets will also have a display window to let customers know when they are leaving their 'home area' and entering a 'premium area.'" At the end of the trial, the OKI handsets can be returned to GTE for a refund of the full purchase price or modified for use as regular handheld cellular telephones.

On a separate front, GTE will continue its ongoing research of PCS in large business markets. Much like the Tampa Bay area trials, GTE and Northern Telecom will soon announce business field trials of Centrex services in the Raleigh-Durham area. The trials are designed to test the business customer's acceptance of certain PCS concepts.

GTE is the fourth-largest publicly owned telecommunications company in the world. With approximately $20 billion in revenues in 1991, the corporation is the largest U.S.-based local-

telephone company and the second-largest cellular-service provider in the United States.

AT&T Network Systems is one of the world's largest manufacturers of telecommunications and data networking equipment.

OKI telecom and its sister companies OKIDATA and OKI Semiconductor, form OKI America, Inc. The company manufactures and markets a full line of cellular telephones and automotive electronics modules from its facility in suburban Atlanta at 437 Old Peachtree Road, Suwanee, Georgia, 30174.

Northern Telecom is the leading global supplier of fully digital telecommunications systems. The corporation conducts business in more than 90 countries in North and South America, the Caribbean, Europe, the Middle East, Asia, and the Pacific Rim. Northern Telecom provides products and services to the telecommunications industry, businesses, universities, governments and other institutions worldwide.

# # # #

NOTE: B-roll available.
Camera-ready map of trial areas available.
B&W photos and color slides available.

Background Information

GTE

1850 M Street, N.W.
Suite 1200
Washington, D.C. 20036

What is PCS?

PCS, or Personal Communications Services -- also sometimes referred to as PCN, or Personal Communications Network -- is one of the most discussed topics in the telecommunications industry today.

While there are a number of definitions for PCS, the central concept focuses on providing telecommunications services to individuals rather than to fixed locations. It is a generic term used to describe wireless telephone services for the mass market.

Implementation of PCS could conceivably impact virtually all aspects of telecommunications.

A formal definition of PCS, given by the New York State Department of Public Service, is "radio communications services that provide individuals with the ability to communicate with others at anyplace and at anytime."

The momentum for greater mobility is illustrated by the number of cordless phones sold in the U.S. during the past nine years, which is over 65 million units. Also the cellular industry has continued its explosive growth year after year -- 43% in 1991. In addition, all public market research results thus far, shows great enthusiasm for PCS.

PCS combines the advantages of cordless phones, cellular mobility and traditional phone service to provide quality telephone service in a totally mobile environment.

Historical Perspective

The first testing of PCS-type wireless technology began in mid-1989 in Britain, using CT2 technology (see Glossary) for "telepoint" service.

Discussions about PCS have been fueled primarily by the increasing popularity of cordless telephones and cellular. Early activities in the United Kingdom brought focus and worldwide attention to the topic.

- more -

In an attempt to provide additional competition to the local telephone company, the British Government awarded three "telepoint" licenses. The three separate systems built were designed to provide a "wireless phone booth" service to a country with very few public pay phones. Unfortunately, the systems were not compatible with each other which added to other implementation problems and ultimately to the demise of the original systems.

It is generally agreed that the U.K. activities provided the wake-up call for the rest of the world. Since that time, governmental bodies of nations all over the world have begun studying the topic and in several instances, such as in Canada, limited licenses have already been awarded. It is also generally agreed that the U.K. experience is one from which we can learn. The failure of the early systems can be blamed in part on a lack of consumer orientation both in service and cost. These concerns along with major questions about the appropriate level of competition are currently being discussed by the Federal Communications Commission (FCC) here in the United States.

United States Activity

In the United States, the FCC is encouraging the development of personal communications services.

In 1990, the FCC issued a Notice Of Inquiry (NOI), which represents the earliest stage of the agency's ongoing effort to develop a PCS policy. It received over 3000 pages of comments from numerous respondents.

Thus far, the FCC has issued over 130 licenses for experimental PCS trials, many of which are relatively far from completion. The majority of these are technical trials, as there are a number of ways to deliver PCS type services. (See technical backgrounder.)

The next step was the Notice of Proposed Rulemaking (NPRM) issued July 16, 1992, which notified potential providers and interested industry groups of the FCC's intent to establish policies and procedures for PCS. In this NPRM, the FCC asked for additional comments on specific issues which included how to allocate spectrum for PCS, what companies to license to provide PCS and how to divide the country into PCS territories.

The FCC is attempting to maximize the opportunities created by PCS for established companies as well as for newcomers. When considering any vital new service -- including PCS -- the primary goal of the FCC is to maintain and improve our basic telecommunications system .

# # #

Background Information

1850 M Street, N.W.
Suite 1200
Washington, D.C. 20036

GTE PCS Activities

GTE's PCS Group was officially formed in 1989, though GTE had been investigating the opportunities of PCS for over a year prior to the formation of the group.

These trials are the culmination of a large market research effort by GTE. GTE has been utilizing a variety of leading-edge market research techniques to better understand customer expectations on price and feature combinations. Using some of the top market research consulting firms in the United States, GTE has already conducted numerous focus groups, limited-scope field trials and over 3,000 personal interviews.

Technical trials have been conducted at GTE Laboratories to access the variety of technical options under consideration in the United States for the provision of PCS-type services.

GTE's combined market and technical research results will reveal the most appropriate network approach and feature options for the type of PCS service customers really want.

Residential Trial

GTE's residential and small-business market trial will take place in specific neighborhoods in a five-county area in south central Florida. It is designed to address the consumer issues of PCS. By understanding customer desires, price elasticity, market size and expected revenues, GTE can more confidently approach the market opportunities of PCS and intelligently implement the appropriate technology.

Set to begin Sept. 8, 1992, and conclude end-of-year, 1993, GTE's PCS trial offering, called Tele-Go(sm) Service, will utilize GTE's already-in-place cellular network with some modifications.

One of the goals of the trial is to conduct the research in an efficient and cost-effective manner. The use of existing cellular frequencies -- with hardware modifications -- provides the most expeditious means of delivering PCS-type services today. Because the current analog cellular system is established and stabilized, it will not corrupt the trial results as new and untested technology might. Also, by using existing spectrum allocations, GTE is not required to seek an experimental PCS license from the Federal Communications Commission (FCC).

Centrex/PBX Trials

GTE also is continuing its ongoing research of PCS in large business markets. Much like the Tampa Bay-area trials, GTE and Northern Telecom will soon announce business field trials of Centrex services in the Raleigh-Durham area. The trials are designed to test the business customer's acceptance of certain PCS concepts.

In addition the companies plan to trial a wireless PBX service later this year.

# # #

Background Information

GTE

1850 M Street N.W.
Suite
Washington D.C. 20036

PCS Technical Backgrounder

PCS -- or Personal Communications Services -- also referred to as PCN, Personal Communications Network, is a generic term used to describe a telecommunications concept that -- among other features -- offers a flexible combination of wired and wireless telephone service for the mass market. It will allow people to reach people rather than places.

Most PCS concepts combine the advantages of advanced cordless phones, cellular and traditional phone service to provide quality communication with varying degrees of mobility.

There are a number of ways to deliver PCS-type services to the public -- each with varying capabilities. Among them:

"Low-power" Part 15 which uses radio equipment on a portion of the spectrum that is unlicensed by the Federal Communications Commission (FCC) and shared by all users. An obvious drawback of this delivery system is that any customer can operate on this same frequency, thereby making it very difficult to guarantee channel availability and/or quality.

New networks that may utilize existing network and switching capabilities of local telephone companies, cable-TV facilities and the intelligent network capabilities of signaling system #7 (SS7) are also being considered. Providing wireless services in this scenario would require either a sharing of spectrum or new spectrum to be allocated.

The FCC is also examining reallocation of spectrum in the 1.8 Ghz (Gigahertz) range to provide PCS-type services. This portion of the spectrum is currently used for point-to-point microwave providing an inexpensive way to back-haul voice and data information. Telephone companies, long distance carriers, cellular, public safety and utilities providers all use the 1.8 Ghz spectrum. The reallocation process is involved and time consuming and could take years before licenses to operate would be issued.

Cellular is another possibility. As cellular networks convert from analog to digital transmission to ease capacity concerns, GTE sees cellular as at least one very viable option for delivering PCS without additional licensing.

- more -

TELE-GO TRIAL

GTE is using its already-in-place cellular network for its Tele-Go trial. By building a separate virtual network within its existing cellular infrastructure in specific neighborhoods in Hillsborough, Pinellas, Pasco, Sarasota and Manatee counties in south central Florida, GTE can offer PCS-type services without corrupting the trial results by using new and untested technology.

The specific PCS antenna locations were selected so as to co-exist with normal cellular traffic in those markets and to assure that Tele-Go customers receive high-quality service for the duration of the trial without compromising the quality of service for its cellular customers.

GTE's Tele-Go Trial has two service levels with various pricing structures. Pricing of the service is relative to the degree of PCS services offered, with fully mobile being more expensive and the telepoint service being less expensive. Number of packaged "home area" minutes is also a factor.

Tele-Go(sm) Fully Mobile - Hillsborough/Pinellas/Pasco)

The first, a fully mobile version, will be offered in specific neighborhoods in Hillsborough, Pinellas and Pasco counties. It offers an improved quality cordless-telephone service at home with the advantages of cellular-like mobility away from home. Customers will sign up for monthly service which includes a set number of minutes to be used within the "home area" -- an approximate one-mile radius from the PCS antenna site.

When the person exceeds the allotted bundled minutes or travels outside the "home area," the phone will still initiate and receive calls -- even while traveling in a moving vehicle -- for a nominal per-minute "premium area" charge. The phone's visual display flashes the word "premium" to let users know if they are outside their "home area."

The service area includes almost all of an eight-county area (Hillsborough, Pinellas, Pasco, Polk, Sarasota, Manatee, Citrus and Hernando) that covers about 7,000 square miles.

Long-distance charges are not incurred for calls made (and received) within this eight-county area. Calls to areas outside those counties incur normal long-distance charges and if made from a "premium area" incur a per minute "premium area" charge as well.

Tele-Go - Telepoint-type (Sarasota/Manatee)

The second version, an enhanced telepoint-type offering, employs the same "home area" concept including packaging of minutes, but inbound calls can not be received outside the "home area" and are instead directed to a voice-mail system provided to the Tele-Go customer. Customers can check their mailbox messages at any time from any touch-tone phone in any home or premium area at no cost.

Services like this that are somewhat restricted are often referred to as "telepoint" services and usually allow only limited-area outbound calling when the customer is outside the "home area."

GTE's version, however, will allow customers to make outbound calls throughout an eight-county area (Hillsborough, Pinellas, Pasco, Polk, Sarasota, Manatee, Citrus and Hernando) for a nominal per minute "premium area" charge.

In addition, this version of Tele-Go Phone Service does not permit customers to use it while they are driving. Because the service does not hand-off calls from one antenna site to the next as it does with the fully mobile Tele-Go offering, the call may drop if they are in a moving vehicle. However, customers may still make calls from the security of their cars if they are stopped. This version of Tele-Go is only available to customers living in select areas within Sarasota and Manatee counties.

Tele-Go Neighborhoods

Eleven neighborhood areas have been selected for Tele-Go Phone Service (see Specific Neighborhoods backgrounder). Customers must live within these areas, defined as a one-mile radius from a Tele-Go PCS antenna site to be eligible.

For the fully mobile version, these areas include two sites in West Pasco County (Jasmine, Elfers), five in Pinellas County (Tarpon Springs, Lake Tarpon, Dunedin, Bellaire Bluffs, Indian Rocks), and one in Hillsborough County (University).

For the telepoint-type version in the Sarasota area, the sites include one in Manatee County (Whitfield) and two in Sarasota County (Sarasota and Sarasota South).

A total of about 35,000 households are contained within these 11 areas.

Specially designed PCS handsets

OKI telecom is providing the handsets for the PCS trial under private label, utilizing proprietary software designed by GTE.

The handsets were designed to simulate cordless telephone operation and are the first cellular handsets in the country that offer dial-tone whenever the handset is in service.

The PCS handset interacts differently with the PCS network than does a cellular handset, yet it is fully compatible with the cellular network and is easy to operate.

Home Controller Unit

OKI telecom also manufactured the Home Controller Units (HCU) to GTE's design specifications. The Home Controller was designed to interface to the handset and operate the existing household telephone equipment. It allows GTE to cut the Central Office line that feeds the household and replace it with radio transmission to the Mobile Telephone Switching Office (MTSO) and then into the local telephone company's Central Office (CO).

The Home Controller unit is a multi-battery charger and speaker phone in the same enclosure. It supplies talk battery, dial tone, ring voltage, digit translation and off-hook supervision to the home telephones (see Glossary).

# # #

TELE-GO(sm)
Specific Trial Neighborhoods - Full Mobility**

Hillsborough - University - In the vicinity of 148th Ave. and 20th St. Bordered by Sinclair Hills Rd. on the north, 30th St. on the east, 143rd Ave. on the south and 12th St. on the west.

Pinellas - Bellaire Bluffs - Near the intersection of Clearwater/Largo Rd. and Bellaire Rd. Bordered by Lakeview Rd. on the north, New Jersey St. on the south, Washington Ave. on the east and Belleview Biltmore Golf and Country Club on the west.

Indian Rocks - Near the intersection of Ulmerton Rd. and Railroad Ave. Includes neighborhoods as far north as 16th Ave., as far east as Ridge Rd., as far west as McKay Creek and as far south as 126th Ave.

Dunedin - Near the intersection of Monroe and Douglas in Dunedin. Covers the homes as far north as San Christopher, as far east as New York Ave., as far south as Lyndhurst and as far west as the Gulf.

Tarpon Springs - Near the intersection of Alderman and U.S.19. Covers neighborhoods of Country Grove and Beacon Groves. Bordered on the north by Lake Tarpon Dr., on the south by Homestead Ter., the west by Pine Hill Rd. and the east by Bently Dr.

Lake Tarpon - Near the intersection of Tarpon Ave. and U.S. 19. Bordered by the Anclote River on the north, Tarpon Ave. on the south, Jasmine Ave. on the east and S. Pinellas Ave. on the west.

Pasco - Jasmine - Near the intersection of Ridge Rd. and U.S. 19. Bordered by Stone Rd. on the north, Pine Hill Road Recreation Complex on the south, Regis Land on the east and Old Post Rd. on the west.

Elfers - Near the intersection of Gunn Hwy. and Madison St. in Elfers. Bordered by Charleston on the west, Crestwood Blvd. on the south and Madison St. on the east. Also includes all homes as far north as Trouble Creek Rd.

**Tele-Go customers will be able to use their phones outside their neighborhoods -- even while traveling in a moving vehicle -- throughout an eight-county area (Hillsborough, Pinellas, Pasco, Polk, Sarasota, Manatee, Citrus and Hernando) for a nominal per-minute "premium area" charge.

- more -

Specific Trial Neighborhoods - Enhanced Telepoint Trial*

Sarasota - In the vicinity of the Ed Smith Sports Complex. Bordered by 27th St. on the north, Fruitville Rd. on the south, Lockwood on the east and Washington Blvd. on the west.

Sarasota - Near the intersection of Proctor and Beneva Roads. Bordered by Sawyer Rd. on the east, Swift Rd. on the west, Wilkinson Rd. on the north and Ashton Rd. on the south.

Manatee - Near the intersection of 68th St. and N. Tamiami Trail. Covers the neighborhoods as far north as 63rd Ave. and Tamiami. As far south as Pearl Ave. and Tamiami. Bordered by the Sarasota Bay Country Club on the west and 5th Ave. on the east.

***Tele-Go customers will be able to use their phones outside their neighborhoods -- while standing still or walking -- throughout an eight-county area (Hillsborough, Pinellas, Pasco, Polk, Sarasota, Manatee, Citrus and Hernando) for a nominal per-minute "premium area" charge.

# # #

Background Information

GTE
1850 M Street, N.W.
Suite 1200
Washington, D.C. 20036

Glossary of Terms
(as they relate to PCS)

PCS - Personal Communications Services refers to the broad concept of providing wireless telecommunications services to individuals rather than to fixed locations.

PCN - Personal Communications Network refers to the facilities and system structure necessary to deliver PCS.

Tele-Go(sm) Phone Service - the name of GTE's PCS trial offering for residential and small business customers in certain neighborhoods in the greater Tampa Bay-area and in Sarasota/Bradenton.

Telepoint/CT2- a concept tested and offered in the United Kingdom, it is a limited-mobility wireless telephone service that differs from cellular in that it doesn't allow inbound calls or provide hand-off when a user is highly mobile -- such as in a moving vehicle. There are a number of variations of telepoint being discussed and tested within the industry and they include services that provide inbound calls in the home or a built-in pager that notifies you when someone is trying to reach you.

Home area - a term used in the Tele-Go trial to indicate the approximate one-mile radius from a PCS antenna site -- within which the customer lives and receives almost unlimited use of the PCS phone.

Premium area - a term used in the Tele-Go trial to indicate the eight-county (over 7,000 square miles) coverage area outside the "home area" where a customer can use the PCS phone for a nominal per-minute "premium area" charge.

Home controller - The home controller unit is a multi-battery charger and speaker phone in the same enclosure. It supplies talk battery, dial tone, ring voltage, digit translation and off-hook super-vision to the home telephones.

- more -

Talk battery - Power that the telephone company's central office supplies which enables the customer's home telephone to work.

Ring voltage - Power that activates (rings) all wired telephones.

Digit transmission - Ability to translate tones to radio interface inputs.

TDMA - Time Division Multiple Access - a form of digital access. TDMA works by filling the allocated bandwidth with a number of 30 KHz (Kilohertz) channels, much like the current analog system. However, these channels are, in turn, shared among many users by allocating a time slot on a periodic basis to each user. Each user shares the channel in a specific time slot, during which their voice is sampled and transmitted.

CDMA - Code Division Multiple Access - another form of digital access. CDMA is the most advanced digital technique being considered for commercial applications and is developing widespread technical and industry support. In the CDMA environment, available spectrum is used as one channel. Instead of time-sharing the channel, calls are mingled together and sorted at the receiving end. The trick to CDMA is that every signal is multiplied by a specific pseudo-noise spreading sequence -- or code -- before transmission. When this spread spectrum signal is received and processed through a correlator that decodes this spreading sequence, the original signal is restored.

N-AMPS - A technology developed to ease capacity for cellular systems. This system, developed by Motorola, expands upon the existing analog technology. N-AMPS divides each analog channel (30 KHz) into three narrow channels (10 KHz), thereby tripling the present capacity. N-AMPS will allow cellular carriers to increase capacity while possibly serving as a bridge to future digital offerings.

CT2 - Cordless Telephone Second Generation - See Telepoint (previous page)

# # #

PCS Tele-Go℠ - Replacement Service